

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-20. (Canceled)

21. (Original) A method for validating a Peripheral Component Interconnect (PCI) host bus adapter, comprising:

- reading values of all configuration registers of select PCI devices;
- storing the values in an .ini file;
- creating a data pattern in memory of a Redundant Array of Inexpensive Disks (RAID) controller adapter using a command mailbox protocol;
- switching off power to a raiser card using a general purpose input/output (IO) port;
- waiting a predefined period of time;
- switching on power to the raiser card using the general purpose IO port;
- loading all the configuration registers of the select PCI devices with the values from the .ini file;
- initializing all configuration registers of the select PCI devices from the loaded values; and
- verifying the data pattern in the memory of the RAID controller adapter using the command mailbox protocol.

22. (Original) The method of Claim 21, further comprising stamping the host bus adapter as one of the group consisting of PASS and FAIL depending on results from verifying the data pattern.

23. (Original) The method of Claim 22, wherein the raiser card is an ADEX raiser card.